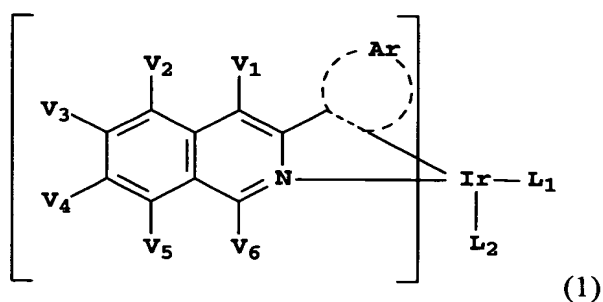


Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) An electroluminescent device comprising a cathode and anode, and therebetween, at least two light-emitting layers wherein the first layer, layer A, comprises a phosphorescent light-emitting organometallic compound comprising iridium and an isoquinoline group and a second layer, layer B, comprising a light-emitting material.
2. (Original) The device of claim 1 wherein the light emitted from the device is white light either produced directly or by using filters.
3. (Original) The device of claim 1 wherein the isoquinoline group is substituted with an aromatic group in the 3-position, which further bonds to iridium.
4. (Original) The device of claim 1 wherein the isoquinoline group is a 3-arylisquinoline group.
5. (Original) The device of claim 1 wherein the organometallic compound is represented by Formula 1,

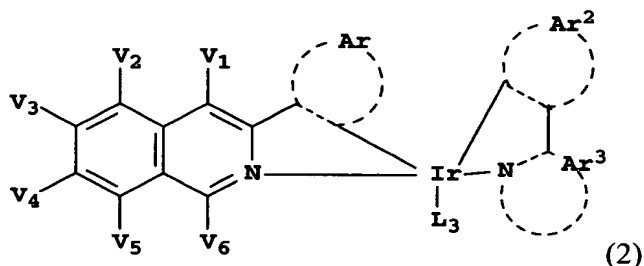


wherein:

Ar represents the atoms necessary to complete a five or six-membered aromatic ring;

L_1 and L_2 represent bidentate ligands; and
 V_1 - V_6 each independently represent hydrogen or an independently selected substituent, provided that adjacent substituents can join together to form a ring.

6. (Currently amended) The device of claim 1 wherein the organometallic compound is represented by Formula 2,



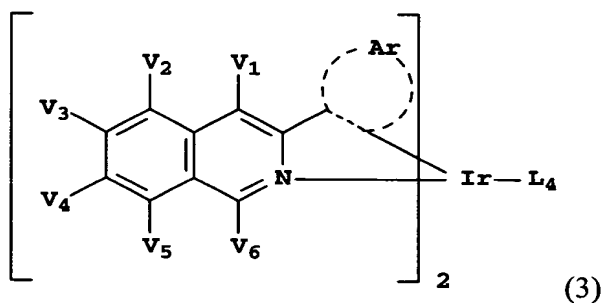
wherein:

Ar , Ar^1 , and Ar^2 independently represent the atoms necessary to complete a five or six-membered ~~membered~~ aromatic ring;

L_3 represents a bidentate ligand; and

V_1 - V_6 each independently represent hydrogen or an independently selected substituent, provided that adjacent substituents can join together to form a ring.

7. (Currently amended) The device of claim 1 wherein the organometallic compound is represented by Formula 3,



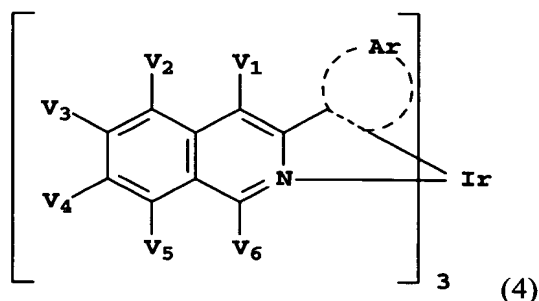
wherein:

Ar represents the atoms necessary to complete a five or six-membered ~~membered~~ aromatic ring;

L_4 represents a ligand comprising a pyridine group substituted with a five or six-member aromatic group, wherein Ir bonds to both the pyridine group and the aromatic group; and

V₁-V₆ each independently represent hydrogen or an independently selected substituent, provided that adjacent substituents can join together to form a ring.

8. (Original) The device of claim 1 wherein the organometallic compound is represented by Formula 4,



wherein:

Ar represents the atoms necessary to complete a five or six-membered aromatic ring; and

V₁-V₆ each independently represent hydrogen or independently selected substituents, provided that adjacent substituents can join together to form a ring.

9. (Original) The device of claim 1 wherein the layer B contains a fluorescent light-emitting material and a host for that material.

10. (Withdrawn) The device of claim 1 wherein the layer B contains a phosphorescent light-emitting material and a host for that material.

11. (Original) The device of claim 1 wherein layer B emits blue or blue-green light.

12. (Original) The device of claim 1 wherein layer A emits yellow light and layer B emits blue light.

13. (Original) The device of claim 1 wherein layer A emits red light.

14. (Original) The device of claim 1 wherein layer A emits red light and layer B emits blue-green light.

15. (Original) The device of claim 1 wherein layer A emits light with color defined by the following relationship between CIE x and y coordinates:

$$0.24 * x + 0.26 < y < 3 * x - 0.6.$$

16. (Original) The device of claim 1 wherein layer B emits light with color defined by the following relationship between CIE x and y coordinates:

$$2.4 * x - 0.43 < y < -0.077 * x + 0.35.$$

17. (Original) The device of claim 1 wherein layer A emits light with color defined by the following relationship between CIE x and y coordinates:

$$0.24 * X + 0.26 < y < 3 * x - 0.6,$$

and layer B emits light with color defined by the following relationship:

$$2.4 * x - 0.43 < y < -0.077 * x + 0.35.$$

18. (Original) The device of claim 1 wherein the relationship between the CIE color coordinates of light emitted by layer A and B is defined by equations (1) and (2):

$$y_y > (0.25 - y_b) / (0.31 - x_b) * x_y + (y_b * 0.31 - 0.25 * x_b) / (0.31 - x_b) \quad (1)$$

$$y_y < (0.41 - y_b) / (0.31 - x_b) * x_y + (y_b * 0.31 - 0.41 * x_b) / (0.31 - x_b) \quad (2)$$

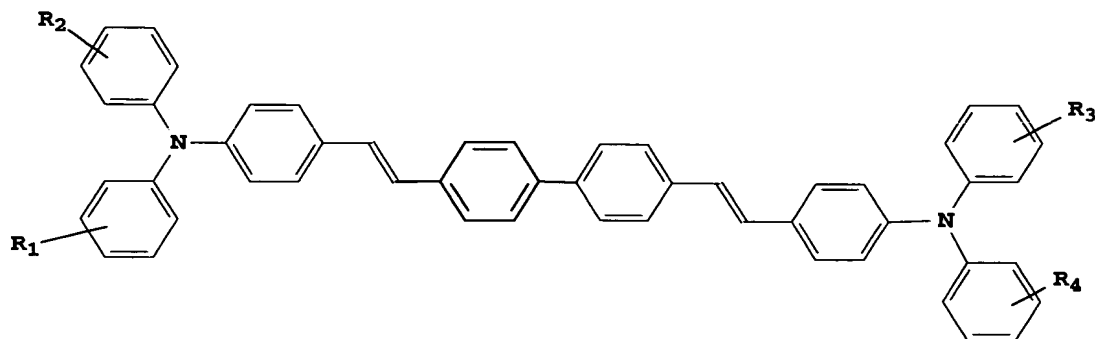
wherein,

(x_y , y_y) represent the x and y color coordinates of light emitted by layer A,

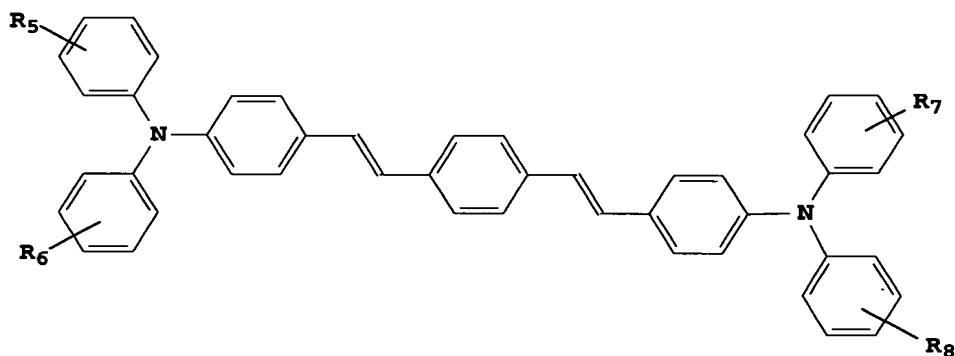
(x_b , y_b) represent the x and y color coordinates of light emitted by layer B.

19. (Withdrawn) The device of claim 9 wherein the fluorescent material comprises a perylene group.

20. (Original) The device of claim 9 wherein the fluorescent material comprises a material of Formula 5a or Formula 5b,



Formula 5a



Formula 5b

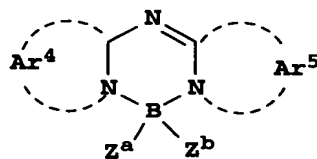
wherein:

R₁ – R₈ independently represent hydrogen or an independently selected substituent.

21. (Original) The device of claim 9 wherein the fluorescent material comprises 1,4-bis[2-[4-[N,N-di(p-tolyl)amino]phenyl]vinyl]benzene (BDTAPVB) or 1,4-bis[2-[4-[N,N-di(p-tolyl)amino]phenyl]vinyl]biphenyl.

22. (Withdrawn) The device of claim 9 wherein the fluorescent material comprises a boron compound.

23. (Withdrawn) The device of claim 9 wherein the fluorescent material comprises a compound represented by formula 6a,



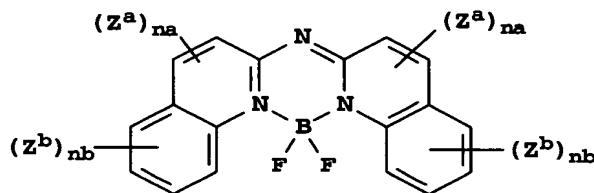
Formula 6a

wherein:

Ar^4 and Ar^5 independently represent the atoms necessary to form an aromatic ring group; and

Z^a and Z^b represent independently selected substituents.

24. (Withdrawn) The device of claim 9 wherein the fluorescent material comprises a compound represented by Formula 6b,



Formula 6b

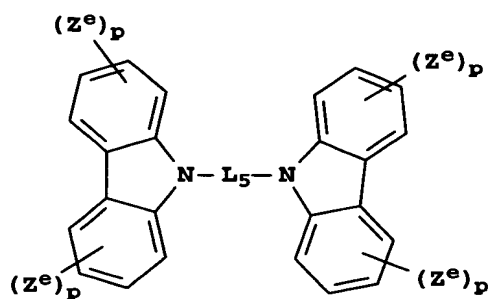
wherein:

each Z^a and Z^b represents independently selected substituents;

each na independently represents 0, 1, or 2; and

each nb independently represents 0-4.

25. (Withdrawn) The device of claim 9 wherein the host material is represented by Formula 7,



Formula 7

wherein:

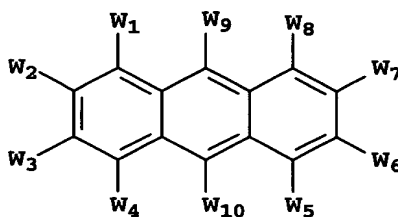
each Z^e represents hydrogen or an independently selected substituent,

each p independently is 0-4;

L_5 is a phenylene group or a biphenylene group.

26. (Original) The device of claim 9 wherein the host material comprises an anthracene group.

27. (Original) The device of claim 9 wherein the host material is represented by Formula 8,



Formula 8

wherein:

W_1 - W_{10} independently represent hydrogen or an independently selected hydrocarbon substituent, provided that two adjacent substituents can combine to form rings.

28. (Original) The device of claim 27 wherein W_9 and W_{10} of Formula 8 independently represent naphthyl or biphenyl groups.

29. (Currently amended) The device of claim 27 wherein W_9 of Formula 8 represents a biphenyl groups.

30. (Original) The device of claim 1 wherein the phosphorescent material is between 2 and 15 wt% of the light-emitting layer A.

31. (Original) A display comprising the electroluminescent device of claim 1.

32. (Original) An area lighting device comprising the electroluminescent device of claim 1.

33. (Original) A process for emitting light comprising applying a potential across the device of claim 1.